

Atty. Dkt. No. 017498-0149

In the Claims:

In accordance with 37 CFR § 1.121, please substitute for original claim 1 the following rewritten version of the same claim, as amended. The changes are shown explicitly in the attached "Marked Up Version Showing Changes Made."

Please amend the following claim.

sub
C1 1017
1. (Amended) A plasma-resistant member of the type which is employed in a reaction chamber of a plasma treating apparatus, characterized in that said member is formed of a dense alumina sintered product having an average grain size of 21.7 - 40 μm , a surface roughness Ra of 1.3 - 2.2 μm , and a bulk density of 3.90 g/cm^3 or over but less than 4 g/cm^3 .

[Please add the following new claims:]

9. (New) A plasma resistant member according to claim 1, wherein the average grain size is 24 μm , the surface roughness Ra is 1.3 μm and the bulk density is 3.99 g/cm^3 .

sub
C1 1017
10. (New) A plasma resistant member according to claim 1, wherein the average grain size is 40 μm , the surface roughness Ra is 1.6 μm and the bulk density is 3.97 g/cm^3 .

C2
11. (New) A plasma resistant member according to claim 1, wherein the average grain size is 27.0 μm , the surface roughness Ra is 2.20 μm and the bulk density is 3.92-3.99 g/cm^3 .

12. (New) A plasma resistant member according to claim 1, wherein the average grain size is 27.0 μm , the surface roughness Ra is 1.30 μm and the bulk density is 3.92-3.99 g/cm^3 .

13. (New) A plasma resistant member according to claim 1, wherein the average grain size is 21.7 μm , the surface roughness Ra is 2.20 μm and the bulk density is 3.92-3.99 g/cm^3 .

Atty. Dkt. No. 017498-0149

14. (New) A plasma resistant member according to claim 1, wherein the average grain size is $21.7 \mu\text{m}$, the surface roughness R_a is $1.34 \mu\text{m}$ and the bulk density is $3.92\text{-}3.99 \text{ g/cm}^3$.

Lead
Sub
DI